

SHOOT 1	
Exposure Settings	
Shooting Mode	M, S, A, P, C1, C2, C3
Shutter Speed	Auto, BULB, 30 - 1/8000 sec., SYNC
Aperture	*Depends on the lens attached
Exposure Compensation	-5 - +5
ISO Sensitivity Settings	
ISO Sensitivity	ISO Auto, ISO100 - 25600
ISO Sensitivity Step	1 EV, 1/3 EV
ISO Sensitivity Expansion	Composite Low ISO Expansion(Off, On), High ISO Expansion(Off, On)
ISO Auto Settings	ISO Lowest Limit(ISO100 - 20000), ISO Highest Limit(ISO125 - 25600), Shutter Speed Slowest Limit(Auto(Faster), Auto(Fast), Auto, Auto(Slow), Auto(Slower), 1/8000 - 1 sec.)
AE Metering Mode	
Evaluative Metering	
Center Weighted Average Metering	
Spot Metering	
Drive Mode	
Single Capture	
Continuous (High Speed)	
Continuous (Medium Speed)	
Continuous (Low Speed)	
Self Timer 2 sec.	
Self Timer 10 sec.	
Interval Timer	1 sec. - 60 min. × 2 - 99 times, ∞ times
Bracketing	
Exposure	Off, On(Bracketing Number[3 Shots, 5 Shots], Bracketing Amount[1/3 Step, ±0.3 - ±3 EV], Bracketing Order[0 ➡ ➡ +, - ➡ 0 ➡ +, + ➡ 0 ➡ -])
Focus	Off, On(Bracketing Number[3 Shots, 5 Shots, 7 Shots, 9 Shots, 11 Shots, 13 Shots, 15 Shots], Bracketing Amount[±1 - ±10], Bracketing Order[0 ➡ ➡ +, 0 ➡ +, 0 ➡ -])
White Balance*1	Off, On(Bracketing Axis[B ➡ A, M ➡ G], Bracketing Number[3 Shots, 5 Shots], Bracketing Amount[±2 - ±16])
Color Mode*2	Off, On(, BKT1 - BKT5)
Fill Light	Off, On(Bracketing Number[3 Shots, 5 Shots], Bracketing Amount[±0.2 - ±5.0])
HDR	
Off	
Auto	
±1.0	
±2.0	
±3.0	

SHOOT 2	
DC Crop Mode	
Off	
On	
Auto	
Image Quality	
DNG+JPEG	Bit Depth(12bit, 14bit)
DNG	Bit Depth(12bit, 14bit)
FINE	
NORMAL	
BASIC	
Image Size	
HIGH 24M 6,000×4,000	
MED 12M 4,240×2,832	
LOW 6M 3,008×2,000	
Aspect Ratio	
21 : 9	
16 : 9	
3 : 2	
A Size (√2 : 1)	
4 : 3	
7 : 6	
1 : 1	

SHOOT 3	
White Balance*1	
Auto	
Auto (Lighting Source Priority)	
Daylight	
Shade	
Overcast	
Incandescent	
Fluorescent	
Flash	
Color Temperature	2500 - 10000K
Custom 1	
Custom 2	
Custom 3	
Color Settings	
Color Mode*2	Standard, Vivid, Neutral, Portrait, Landscape, Cinema, Teal and Orange, Sunset Red, Forest Green, FOV Classic Blue, FOV Classic Yellow, Monochrome
Color Space	sRGB, AdobeRGB
Tone Control	
Off	
Auto (Mild)	
Auto (Strong)	
Manual	
Fill Light	
-5 - +5	
Lens Optics Compensation	
Distortion	Off, Auto
Lateral Chromatic Aberration	Off, Auto
Diffraction	Off, Auto
Vignetting	Off, Auto
Color Shading	Off, Auto, 0mmFO #1 - #10

*1 White Balance adjustment available

*2 Color Mode adjustment available Contrast • Sharpness • Saturation • Exposure

*3 Focus Frame adjustment available

*4 Custom available items : Shooting Mode, ISO Sensitivity, AE Metering Mode, DriveMode, Exposure BKT Amount, Focus BKT Amount, WhiteBalance BKT Amount, Color Mode BKT, Fill Light BKT Amount, HDR, DC Crop Mode, Image Quality, Image Size, Aspect Ratio, White Balance, Color Mode, Color Mode Effect Amount, Tone Control, Fill Light, Color Shading, Focus Mode, Focus Area, Pre-AF, Focus Limiter, Focus Peaking, Optical Stabilization Correction, Electronic Stabilization, Flash Exposure Compensation, Red-eye, Rear Curtain Sync., Slow Sync., LOCK, LCD Brightness

*5 Available Languages : English, Japanese, German, French, Spanish, Italian,Simplified Chinese, Chinese (Traditional), Korean, Russian, Dutch, Polish, Portuguese,Danish, Swedish, Norwegian, Finnish

*6 Resets all the settings on the SHOOT menu.

*7 Resets all the settings on the PLAY menu.

*8 Resets all the settings on the SYSTEM menu.

SHOOT 4	
Focus	
1 Focus Mode (Single AF, Continuous AF, Manual Focus)	
Focus Area*3 (Multi Auto Focus Points, Single,Tracking)	
AF+MF (Off, On)	
Pre-AF (Off, On)	
Face / Eye Detection AF (Off, Face Only, Face / Eye Auto)	
2 Focus Limiter (Off, On[Near Side, Far Side])	
AF during Image Magnification (Off, On)	
AF Magnification (Image Magnification[Full Screen, PIP], Auto Magnification[Off, On], Duration of Auto Magnification[1 sec., 2 sec., 5 sec.])	
Prioritize Focus / Release (AF Priority[Release, Focus], AF Priority[Release, Focus])	
3 MF Magnification (Image Magnification[Full Screen, PIP], Auto Magnification[Off, On], Duration of Auto Magnification[1 sec., 2 sec., 5 sec.])	
MF Display (Off, Scale Bar, Scale Bar, Focus Distance[M(Meters), FEET])	
Focus Peaking (Off, White, Black, Red, Yellow)	
Stabilization	
Lens Optical Stabilization	Off, On
Electronic Stabilization	Off, On
Lens Function Settings	
Focus Mode	Single AF, Continuous AF, Manual Focus
Focus Limiter	Off, On(Near Side, Far Side)
Optical Stabilization	Off, On
AFL Button Settings	AFL (Pressed), AF-ON
Flash	
Flash Exposure Compensation	1/3 Step, - ±3 EV
Red-eye	Off, On
Rear Curtain Sync.	Off, On
Slow Sync.	Off, On
AF Assist Light	Off, On

SHOOT 5	
Shutter blackout	
Off	
On	
Quick Preview	
Off	
2 sec.	
5 sec.	
10 sec.	
Outer Frame	
Black	
Semi-transparent	
Preview Exposure in M Mode	
Off	
On	
Brightness Level Monitor	
Histogram	
Waveform	
Zebra Pattern	
Zebra Display	Highlight, Exposure Level
Highlight Display	Highlight Level(70-100%), Color(Black, White, Green, Blue, Yellow, Red)
Exposure Level Display	Exposure Level(0-100%), Range(±5 - ±30%), Color(Black, White, Green, Blue, Yellow, Red)

SHOOT 6	
Switch Dial Functions	
Front Dial / Rear Dial	
Dial Rotation	
Aperture / Shutter Speed	Original, Reverse
Exposure Compensation	Original, Reverse
REC Button Settings	
Off	
REC	
AEL Button Settings	
AEL	
AEL (Pressed)	
AFL	
AFL (Pressed)	
AF-ON	
AEL + AFL	
AEL + AFL (Pressed)	
LV Magnification	
Half-pressed AEL	
Off	
On	
AF Only	
Half-pressed AF-ON	
Off	
On	

PLAY 1	
Filter Files to Display	
Display All	
Still Images Only	
Movie Clips Only	
Lock	
Select Files	
Lock	Unlock
Lock	No, Yes
Lock All	No, Yes
Unlock	No, Yes
Unlock All	No, Yes
Mark	
Select Files	
Mark	Unmark
Mark All	No, Yes
Unmark All	No, Yes
Rotate	
Select Files	
Rotate	
Rotate	
Delete	
Select Files	
Current File	No, Yes
All Marked	No, Yes
All	No, Yes
Slideshow	
All Files	
Locked Files	
Marked Files	
Slideshow Settings	Duration(2 sec., 5 sec., 10 sec.), Repeat(No, Yes)

PLAY 2	
DNG Development	
Select A File	
Current File	
Exposure Warning	
Off	
On	
Image Rotation	
Off	
On	
AEL Button Settings	
None	
Lock	
Mark	
Rotate	
Rotate	
Exposure Warning	
Image Magnification	
View Filter Change	

SYSTEM 1	
Memory Media Format	
SD Card	No, Yes
USB Storage	No, Yes
Memory Media	
SD Card	
USB Storage	
File Name / Number	
File Name	SDIM****, FP00****
File Numbering	Continuous, Auto Reset
Copyright Information	
Photographer	Input screen
Copyright Owner	Input screen
Note	Input screen
Attach Copyright Information	Off, On

SYSTEM 2	
Custom Mode Setting	
C1	
C2	
C3	
Custom QS	
Custom screen**	
Mode Settings	
Custom 1 - 4	Off
On	Font Size(Normal, Large), Display Info(Off, Minimal, Standard), Date / Time (Off, Date, Time, Date+Time), Grid Lines(Off, 4(Black), 9(Black), 16(Black), 4(White), 9(White), 16(White)), Electronic Level(Off, On), Brightness Level Monitor(Off, On), Zebra Pattern(Off, On)
Operation in LOCK Mode	
Active Operations	+ REC Button, + REC Button,
Touch Operation	
Off	
On	

SYSTEM 3	
Electronic Sounds	
Shutter Volume	0 - 5
REC Volume	0 - 5
AF Volume	0 - 5
Timer Volume	0 - 5
Adjust Electronic Level	
Electronic Level adjustment screen	
Pixel Refresh	
No	
Yes	
LCD Settings	
Brightness	Auto, 1 - 7 steps
Hue	Red(-5 - +5), Blue(-5 - +5)
Power Save	
LCD Off	Off, 10 sec., 30 sec., 1 min., 5 min., 10 min.
Auto Power Off	Off, 30 sec., 1 min., 5 min., 10 min.
ECO Mode	Off, On

SYSTEM 4	
HDMI Output	
With Info	
Without Info	
USB Mode	
Select When Connecting	
Mass Storage	
Video Class (UVC)	
Cable Release Settings	
Shutter	
REC	

SYSTEM 5	
Date / Time	
Date Format	Y / M / D, M / D / Y, D / M / Y
Time Format	AM / PM, 24H
Language	
Language selecting screen**	
Information	
1	Model, Serial No., Version, Camera in Operation, Sensor Temperature
2	Certification mark
Firmware Update	
Camera	Current Version, Version On Memory Media (SD Card , USD Storage)
Lens	Current Version, Version On Memory Media (SD Card , USD Storage)
Reset Capture Settings*6	No, Yes
Reset Play Settings*7	No, Yes
Reset System Settings**	No, Yes
Reset All	No, Yes



SHOOT 1	
Exposure Settings	
Shooting Mode	M, S, A, P, C1, C2, C3
Shutter Angle	Auto, 11.2°, 22.5°, 45°, 60°, 72°, 75°, 86.4°, 90°, 108°, 120°, 144°, 150°, 172.8°, 180°, 216°, 270°, 300°, 360°
Shutter Speed*1	Auto, 1/25 - 1/8000 sec. *STILL-like Only
Shutter Mode	Speed, Angle
Aperture	*Depends on the lens attached
Exposure Compensation	-3 - +3
ISO Sensitivity Settings	
ISO Sensitivity	ISO Auto, ISO100 - 25600
ISO Sensitivity Step	1 EV, 1/3 EV
ISO Sensitivity Expansion	High ISO Expansion(Off, On)
ISO Auto Settings	ISO Lowest Limit(ISO100 - 20000), ISO Highest Limit(ISO125 - 25600), Maximum Shutter Angle(Auto(Narrower), Auto (Narrow), Auto, Auto (Wide), Auto (Wider), 1.1° - 360°), Shutter Speed Slowest Limit(Auto(Faster), Auto(Fast), Auto, Auto(Slow), Auto(Slower), 1/8000 - 1 sec.)
AE Metering Mode	
Evaluative Metering	
Center Weighted Average Metering	
Spot Metering	

SHOOT 2	
DC Crop (Super 35) Mode	
Off	
On	
Auto	
Record Settings	
Format	CinemaDNG, MOV
Bit Depth*2	8bit, 10bit, 12bit
Compression*3	ALL-I, GOP
Resolution	UHD 3840×2160, FHD 1920×1080
Frame Rate	23.98 fps, 25 fps, 29.97 fps, 50 fps, 59.94 fps, 100 fps, 119.88 fps
Audio Record	
Off	
On	Gain Adjustment(Auto, Manual[Ch.1 / 2 Sync.(Off, On), Ch.1 Adjustment Amount, Ch.2 Adjustment Amount]), Wind Noise Canceller(Off, On)

SHOOT 3	
White Balance*4	
Auto	
Auto (Lighting Source Priority)	
Daylight	
Shade	
Overcast	
Incandescent	
Fluorescent	
Flash	
Color Temperature	2500 - 10000K
Custom 1	
Custom 2	
Custom 3	
Color Mode*5	
Standard	
Vivid	
Neutral	
Portrait	
Landscape	
Cinema	
Teal and Orange	
Sunset Red	
Forest Green	
FOV Classic Blue	
FOV Classic Yellow	
Monochrome	
Tone Control	
Off	
Manual	
Lens Optics Compensation	
Distortion	Off, Auto
Lateral Chromatic Aberration	Off, Auto
Diffraction	Off, Auto
Vignetting	Off, Auto
Color Shading	Off, Auto, 0mmF0 #1 - #10

SHOOT 4	
Focus	
1	Focus Mode (Auto Focus , Manual Focus) Focus Area* (Multi Auto Focus Points , Single) AF+MF (Off, On) Constant-AF (Off, On) Face / Eye Detection AF (Off, Face Only , Face / Eye Auto)
2	Focus Limiter (Off, On[Near Side , Far Side AF during Image Magnification (Off, On) AF Magnification (Image Magnification[Full Screen, PIP], Auto Magnification[Off, On], Duration of Auto Magnification[1 sec., 2 sec., 5 sec.])
3	MF Magnification (Image Magnification[Full Screen, PIP], Auto Magnification[Off, On], Duration of Auto Magnification[1 sec., 2 sec., 5 sec.]) MF Display (Off, Scale Bar -, Scale Bar -, Focus Distance[M(Meters), FEET]) Focus Peaking (Off, White, Black, Red, Yellow)
Stabilization	
Lens Optical Stabilization	Off, On
Electronic Stabilization	Off, On
Lens Function Settings	
Focus Mode	Auto Focus , Manual Focus
Focus Limiter	Off, On(Near Side , Far Side)
Optical Stabilization	Off, On
AFL Button Settings	AFL (Pressed), AF-ON *Depends on the lens attached

*1 Only available when "STILL-like" Shooting Style is selected

*2 Limited for CinemaDNG

*3 Limited for MOV

*4 White Balance adjustment available

*5 Color Mode adjustment available Contrast • Sharpness • Saturation • Exposure

*6 Focus Frame adjustment available

SHOOT 5	
Frame Guide	
Display Format	White Line, Semi-transparent
1.33 : 1	Off, On
1.85 : 1	Off, On
2.39 : 1	Off, On
Director's Viewfinder	
Off	
On	Brand(ARRI, SONY, RED), Model*7, Settings*7, Surround View(Off, Black, Semi-transparent)
Brightness Level Monitor	
Histogram	
Histogram (Large)	
Waveform	
Waveform (Large)	
Zebra Pattern	
Zebra Display	Highlight, Exposure Level
Highlight Display	Highlight Level(70-100%), Color(Black, White, Green, Blue, Yellow, Red)
Exposure Level Display	Exposure Level(0-100%), Range(±5 - ±30%), Color(Black, White, Green, Blue, Yellow, Red)

SHOOT 6	
Dial Exposure Operation	
Off	
On	
Switch Dial Functions	
Front Dial / Rear Dial	
Dial Rotation	
Aperture / Shutter Angle	Original, Reverse
Aperture / Shutter Speed*1	Original, Reverse *STILL-like Only
Exposure Compensation	Original, Reverse
Shutter Button Settings	
Off	
REC	
AEL Button Settings	
AEL	
AEL (Pressed)	
AFL	
AFL (Pressed)	
AF-ON	
AEL + AFL	
AEL + AFL (Pressed)	
LV Magnification	
Half-pressed AF-ON	
Off	
On	

PLAY 1	
Filter Files to Display	
Display All	
Still Images Only	
Movie Clips Only	
Lock	
Select Files	
Lock	
Lock	No, Yes
Lock All	No, Yes
Unlock	No, Yes
Unlock All	No, Yes
Mark	
Select Files	
Mark	
Mark All	No, Yes
Unmark All	No, Yes
Rotate	
Select Files	
Rotate	
Rotate	
Delete	
Select Files	
Current File	No, Yes
All Marked	No, Yes
All	No, Yes
Slideshow	
All Files	
Locked Files	
Marked Files	
Slideshow Settings	Duration(2 sec., 5 sec., 10 sec.), Repeat(No, Yes)

PLAY 2	
DNG Development	
Select A File	
Current File	
Exposure Warning	
Off	
On	
Image Rotation	
Off	
On	
AEL Button Settings	
None	
Lock	
Mark	
Rotate	
Rotate	
Exposure Warning	
Image Magnification	
View Filter Change	

*7 Depends on the brand selected.

SYSTEM 1	
Memory Media Format	
SD Card	No, Yes
USB Storage	No, Yes
Memory Media	
SD Card	
USB Storage	
File Name / Number	
Camera ID	A - Z
Reel Number	001 - 999
Copyright Information	
Photographer	Input screen
Copyright Owner	Input screen
Note	Input screen
Attach Copyright Information	Off, On
Time Code	
RUN Mode	REC RUN, FREE RUN
Count Mode	DF, NDF
HDMI Output	Off, On

SYSTEM 2	
Shooting Style	
CINE	
STILL-like	
Custom Mode Setting	
C1	
C2	
C3	
Custom QS	
Custom screen*8	
Mode Settings	
Custom 1 - 4	Off
On	Font Size(Normal, Large), Display Info(Off, Minimal, Standard), Date / Time (Off, Date, Time, Date+Time), TC / Duration (Off, TC, Duration, TC+Duration), Grid Lines(Off, 4(Black), 9(Black), 16(Black), 4(White), 9(White), 16(White)), Frame Guide(Off, On), Center Mark(Off, On), Electronic Level(Off, On), Brightness Level Monitor(Off, On), Zebra Pattern(Off, On), Audiometer(Off, On)
Operation in LOCK Mode	
Active Operations	+ REC Button, + REC Button,
Touch Operation	
Off	
On	

SYSTEM 3	
Electronic Sounds	
Shutter Volume	0 - 5
REC Volume	0 - 5
AF Volume	0 - 5
Timer Volume	0 - 5
Adjust Electronic Level	
Electronic Level adjustment screen	
Pixel Refresh	
No	
Yes	
LCD Settings	
Brightness	Auto, 1 - 7 steps
Hue	Red(-5 - +5), Blue(-5 - +5)
Power Save	
LCD Off	Off, 10 sec., 30 sec., 1 min., 5 min., 10 min.
Auto Power Off	Off, 30 sec., 1 min., 5 min., 10 min.
ECO Mode	Off, On

SYSTEM 4	
HDMI Output	
Monitoring Output	Information Display(On, Off)
Recorded Image Output	Resolution(UHD 3840×2160, FHD 1920×1080), Frame Rate(23.98 fps, 25 fps, 29.97 fps, 50 fps, 59.94 fps, 100 fps, 119.88 fps)
USB Mode	
Select When Connecting	
Mass Storage	
Video Class (UVC)	

SYSTEM 5	
Date / Time	
Date Format	Y / M / D, M / D / Y, D / M / Y
Time Format	AM / PM, 24H
Language	
Language selecting screen*9	
Information *Confirmation only	
1	Model, Serial No., Version, Camera in Operation, Sensor Temperature
2	Certification mark
Firmware Update	
Camera	Current Version, Version On Memory Media (SD Card , USD Storage)
Lens	Current Version, Version On Memory Media (SD Card , USD Storage)
Reset Capture Settings*10	No, Yes
Reset Play Settings*11	No, Yes
Reset System Settings*12	No, Yes
Reset All	No, Yes

8 Custom available items : Shooting Mode, Shutter Angle, Aperture, Exposure Compensation, ISO Sensitivity, AE Metering Mode, DC Crop Mode, White Balance, Format / Image Quality, Resolution / Image Size*, Frame Rate / Aspect Ratio*, Audio Record, Color Mode, Color Mode Effect Amount, Tone Control, Color Shading Correction, Focus Mode, Focus Area, Constant AF / Pre-AF*, Focus Limiter, Focus Peaking, Optical Stabilization, Electronic Stabilization, Time Code, LOCK, LCD Brightness, Drive Mode*, Exposure BKT Amount*, Focus BKT Amount*, White Balance BKT Amount*, Color Mode BKT*, Fill Light BKT Amount*, HDR*, DC Crop Mode*, Fill Light*, Flash Exposure Compensation*, Red-eye*, Rear Curtain Sync*, Slow Sync.*

*9 Available Languages : English, Japanese, German, French, Spanish, Italian, Simplified Chinese, Chinese (Traditional), Korean, Russian, Dutch, Polish, Portuguese,Danish, Swedish, Norwegian, Finnish

*10 Resets all the settings on the SHOOT menu.

*11 Resets all the settings on the PLAY menu.

*12 Resets all the settings on the SYSTEM menu.